

Ref. No: FOI2415
Date: 10/03/2026
Subject: MRI Safety Incidents, Adverse Events, and Operational Impact

REQUEST and RESPONSE

Please provide the following information for the most recent five financial years available, or the maximum period available if five years is not readily retrievable.

1. Total number of reported MRI-related adverse events or safety incidents within your Trust.

336 Incidents

2. Where recorded, a breakdown of incidents by category. If available, examples may include:

- Patient burns during MRI scanning
- Projectile incidents involving ferromagnetic objects
- Non-MRI compatible equipment taken into the MRI scanner room (Zone IV)
- Damage to the MRI scanner or associated equipment
- MRI quench events
- Adverse events related to implants or devices
- Patient injury or near-miss incidents relating to MRI safety

Please see excel spreadsheet included in attachments

If incidents are recorded using different or broader internal categories, please provide those categories instead.

3. Where recorded, please indicate:

- **The number of incidents per year**
- **Whether the incident was classified as harm, no harm, or near miss**

Financial Year	no harm	harm (low, moderate, severe)	near miss
2021/22	41	13	<5
2022/23	52	36	<5
2023/24	36	21	<5
2024/25	38	25	<5

4. If available within existing records, please indicate whether incidents involved:

- **Ferromagnetic equipment or objects entering the MRI scanner room**
- **Non-MRI compatible equipment brought into the MRI scanner room**
- **Damage to the MRI scanner**

Ferromagnetic equipment or objects entering the MRI scanning room	<5 incidents
Non-MRI compatible equipment brought into the MRI scanner room	<5 incidents
Damage to the MRI scanner	<5 incidents

5. Operational impact, where recorded:

- **Estimated scanner downtime resulting from incidents (hours or days, if recorded)**
- **Whether the scanner required service intervention or repair**
- **Number of MRI scans cancelled due to incidents**
- **Number of patients rescheduled due to incidents**

Operational impact where recorded:	
Estimated scanner downtime resulting from incidents	16 incidents - downtime not available
Whether the scanner required service intervention or repair	15 incidents required service intervention or repair
Number of MRI scans cancelled due to incidents	Information not available
Number of patients rescheduled due to incidents	Information not available

6. Financial impact, where recorded:

- **Any estimated cost of repair, servicing, or replacement**

MRI scanners are covered by a Radiology Managed Equipment Service (MES)

- **Any estimated operational cost associated with scanner downtime**

Information not available

7. If recorded, please indicate the incident reporting system used (for example Datix or other internal incident reporting systems).

Data taken from individual DATIX systems for St Helens & Knowsley NHS Trust and Southport & Ormskirk NHS Trust Apr21 to Mar25, and from merged InPhase system for Mersey & West Lancashire NHS Trust from Mar25 to Mar26

If possible, please could data be provided in spreadsheet format, such as Excel or CSV.

